



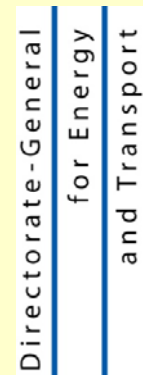
The Renewables Directive

- a new European framework for renewable energy

INFORSE-EREF, Sustainable Energy Policy Seminar,
April 28, 2009, Brussels



Proceedings:
http://www.inforse.org/europe/seminar09_BXL.htm

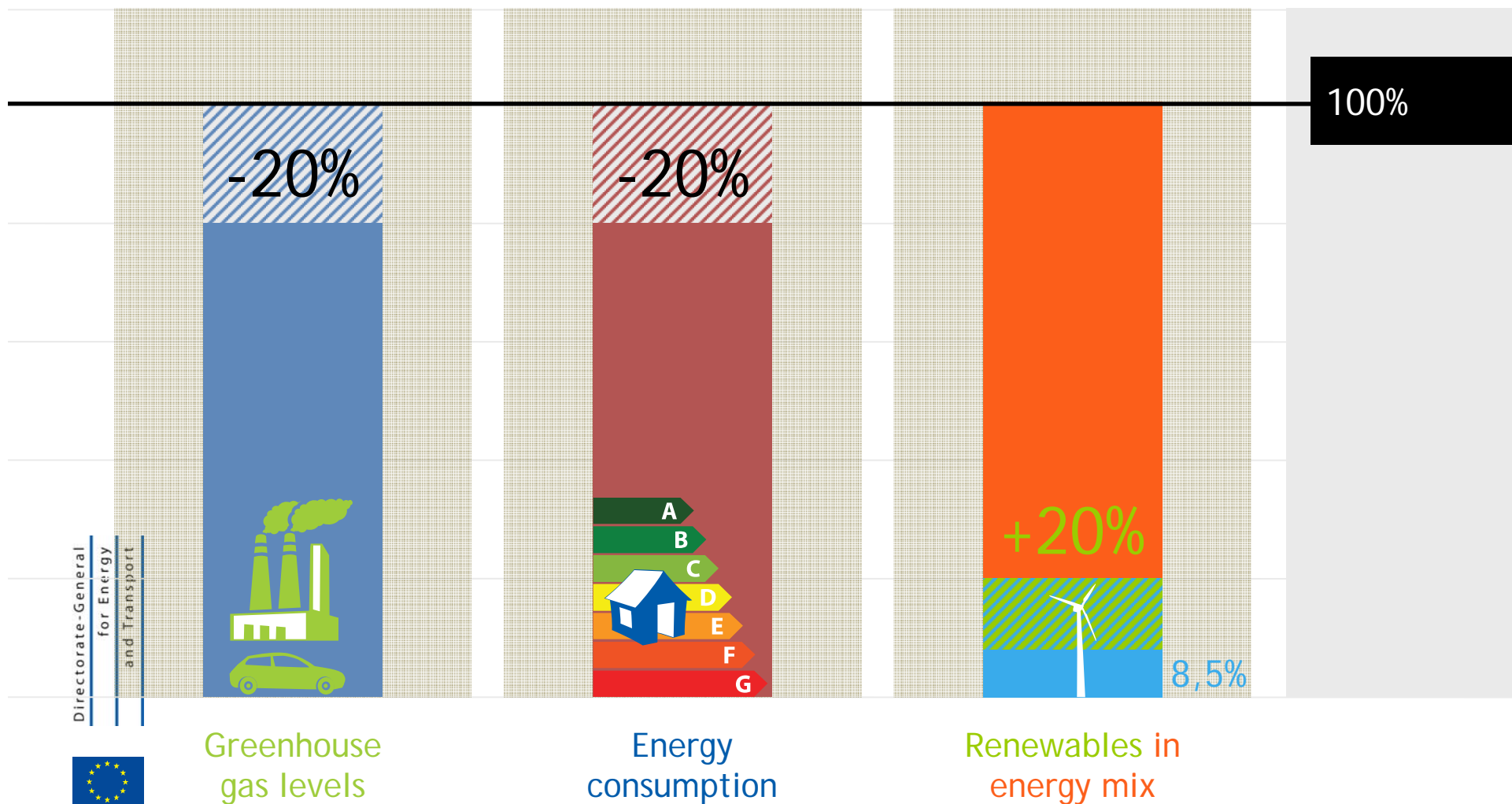


EUROPEAN
COMMISSION

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● The 20-20-20 EU policy

By 2020



● **Renewable energy promotion since 1997**

- **sustainability** – world leadership in halting climate change
- **security of supply** – oil & gas supply concerns, price volatility
- **competitiveness** – world-leading innovative industrial sector

Progress towards the 2010 targets - patchy

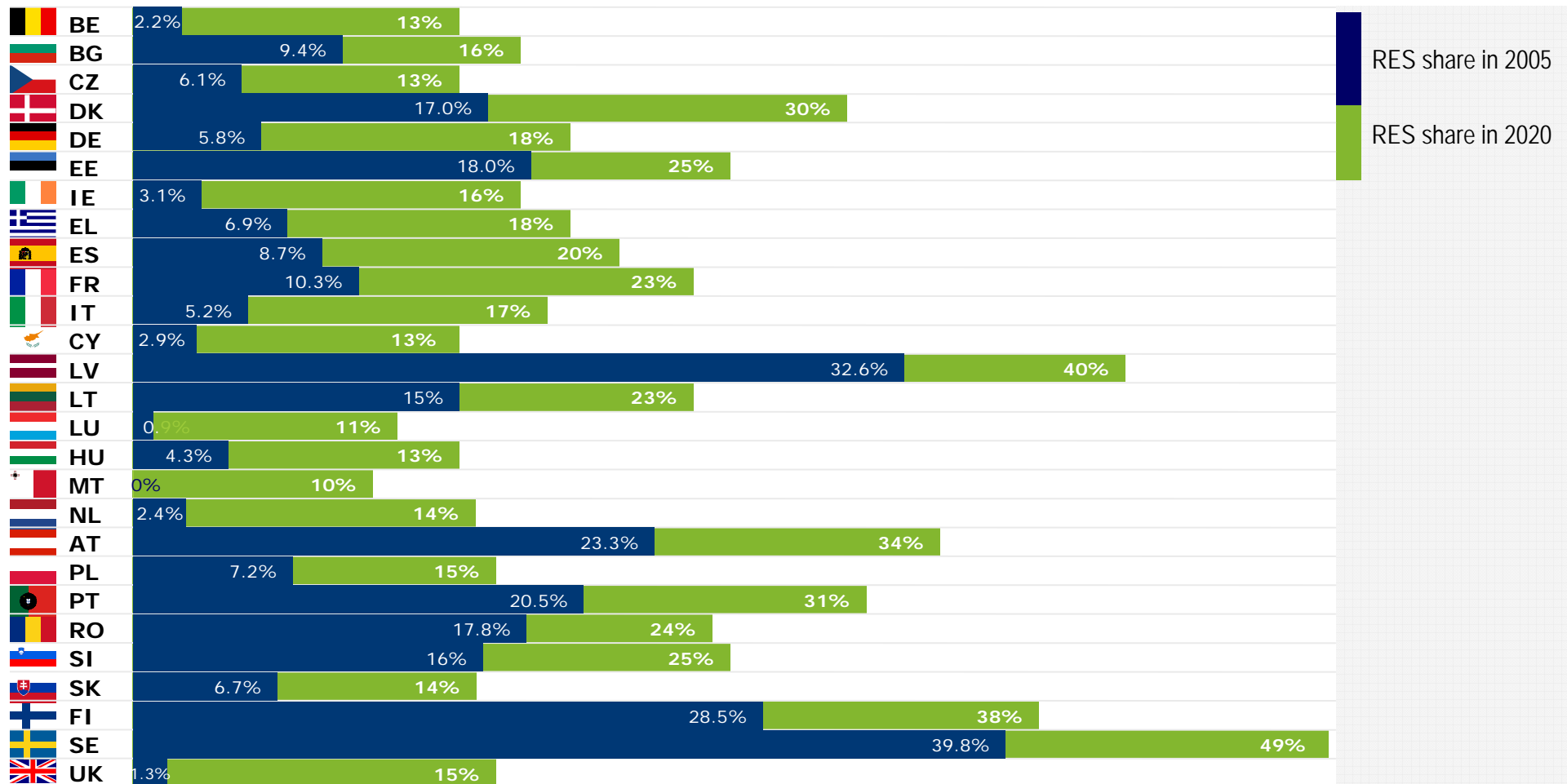
	Electricity		Transport (biofuels)			Electricity		Transport (biofuels)	
	2004-2006 progress	towards 2010 targets	2005-2007 progress	towards 2010 targets		2004-2006 progress	towards 2010 targets	2005-2007 progress	towards 2010 targets
AT	☹	☹	☺	☺	LV	☹	☹	☹	☹
BE	☺	☹	☺	☹	LT	☹	☹	☺	☺
BU	☹	☹	☺	☺	LU	☹	☹	☺	☹
CY	☹	☹	☹	☹	MT	☹	☹	☹	☺
CZ	☹	☹	☹	☹	NL	☺	☺	☺	☹
DK	☹	☺	☹	☹	PO	☹	☹	☹	☹
EE	☹	☹	☹	☹	PT	☺	☹	☺	☹
FI	☹	☹	☹	☹	RO	☹	☹	☹	☹
FR	☹	☹	☺	☹	SK	☺	☹	☺	☹
DE	☺	☺	☺	☺	SI	☹	☹	☹	☹
GR	☺	☹	☺	☹	ES	☹	☹	☹	☹
HU	☺	☺	☹	☹	SW	☹	☹	☺	☹
IE	☺	☹	☹	☹	UK	☹	☹	☹	☹
IT	☺	☹	☹	☹	EU	☺	☹	☺	☹



The renewables Directive

- Mandatory national targets (overall + renewables in transport)
- Flexibility between Member States
- National Renewable Energy Action Plans
- Reduction of administrative and regulatory barriers, grid issues, etc
- Sustainability regime for biofuels

Member States' targets



Based on 2005 starting point, recent progress and a balanced sharing of the effort, weighted by GDP/capita

● Definitions; what counts as “renewable”

- Renewable energy is energy from non-fossil sources: wind, solar, geothermal, aerothermal, hydrothermal, ocean energy, hydropower, biomass, landfill and sewage treatment plant gas and biogases
- The 10% transport target is for renewable energy used in this sector, not only biofuels.....
- ❖ Nuclear power is ***not*** a renewable energy source
- ❖ Peat is ***not*** a renewable energy source
- ❖ Unsustainable biofuels are ***not counted*** as a renewable



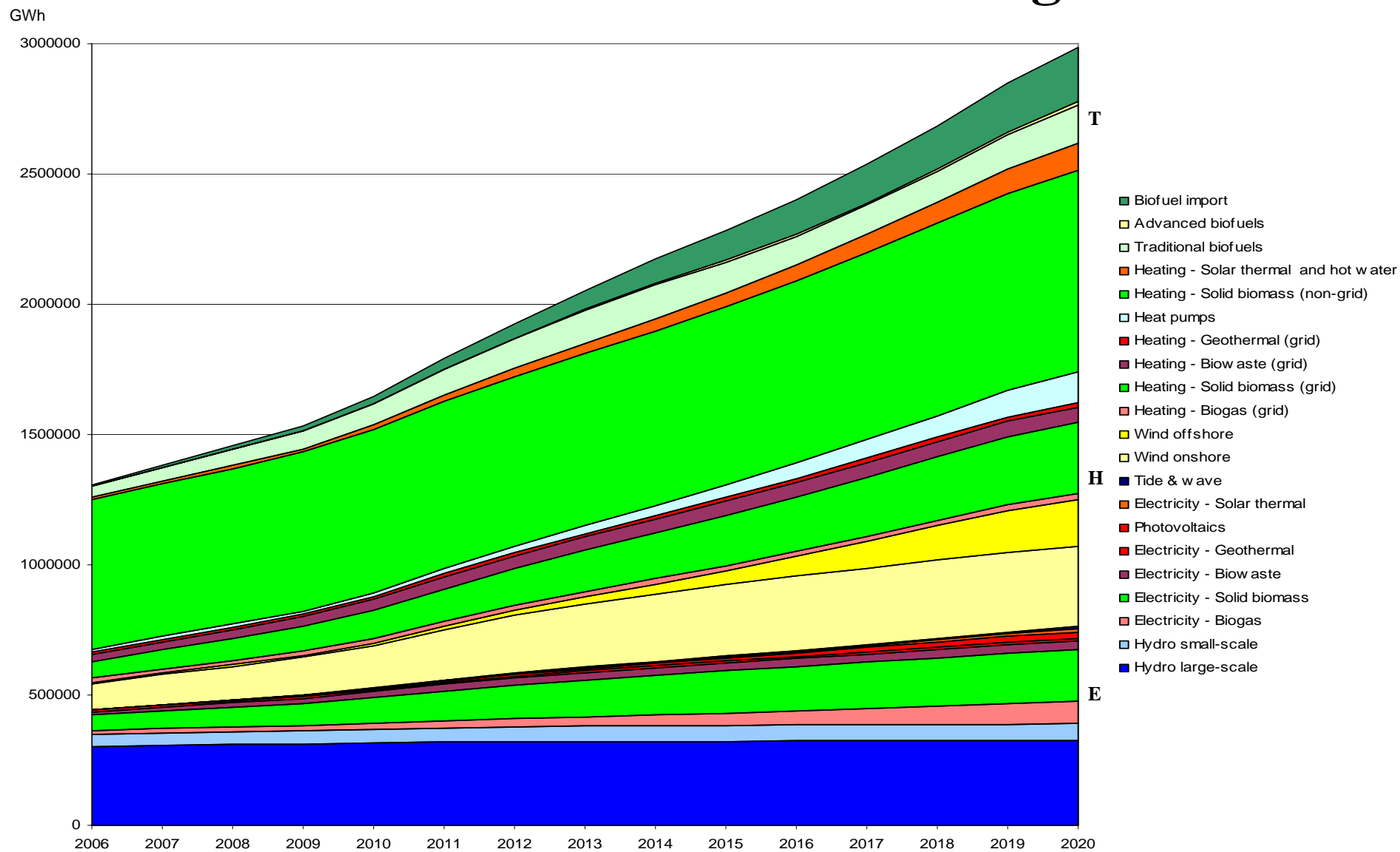
Flexibility and cost effectiveness

- No sectoral targets (except RES-T)
- No technology-specific requirements
- Statistical transfers
- Joint projects

Renewable Energy Action Plans

- ❖ National plans to be submitted by Member States by 30 June 2010 setting out:
 - national sectoral targets and trajectories adequate measures to achieve the overall target
 - planned statistical transfers or joint projects
 - support schemes for each type of renewable energy
 - measures to remove administrative barriers
- ❖ To help prepare such plans the Commission will - by 30 June 2009 - produce a template which Member States must use

A Commission view on how we get there...



● Administrative measures, grid issues...

❖ Member States shall

- ensure that rules for authorisation, certification and licensing procedures for RES are streamlined, transparent, non-discriminatory, proportionate and necessary
- provide priority or guaranteed grid access and guarantee transmission and distribution of renewable electricity
- take the appropriate steps to develop infrastructure
- introduce appropriate measures in building regulations and codes to increase the use of renewable energy in buildings,

● Sustainable renewables in transport

- ❖ All consignments of biofuels and bioliquids to be counted towards the 10% target must comply with sustainability criteria:
 - minimum of 35% GHG savings, rising to 50% by 2017 (and 60% for new installations by 2018)
 - to safeguard land with high carbon stocks no conversion of wetlands, undrained peatland or continuously forested areas
 - indirect effects of land use change (ILUC) to be addressed, if appropriate, in 2010
 - to safeguard biodiversity, no raw materials allowed from sensitive areas (primary forest, grasslands, protected areas)

● Sustainable renewables in transport

❖ Close monitoring of related matters is required

❖ Reporting by:

- Companies
- the Member States
- the Commission



What next?

- ❖ Directive enters into force in May **2009**, to be implemented by Member States 18 month later
- ❖ By 30 June **2009** the Commission will produce the template for national plans
- ❖ By 30 June **2010**, Member States will submit their National Action Plans
- ❖ In **2014** a review of the flexibility scheme will be carried out



Conclusions

- Renewables policy developed *with* related policies
 - strategic energy review, emissions trading, emissions effort sharing targets, CCS, energy efficiency measures, state aid guidelines & single market developments, CAP changes, biomass/forestry developments, trade concerns, macroeconomic crisis...
- Renewable energy will be one sector of the economy where there is **policy stability**...
- The strongest basis yet for consistent growth in renewable energy production; yielding significant GHG reductions, energy supply diversification and technological innovation

A low-angle, upward-looking photograph of a white wind turbine. The three blades are spread out, with one pointing towards the top left and another towards the top right. The central hub and part of the tower are visible. The background is a solid, clear blue sky.

Thank you
for your attention.

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